



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3533-1**Job Sheet 191044****Part No:** D3533-1**Job Qty:** 100 pcs**Part Name:** Set Screw**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 2/20/19**Job Tracking No:****Due Date:** 3/18/19**Created By:** Marie Lajeunesse**Type:** Stock**Description:****Note:** DWG REV B IPP Rev:A New Issue 06-07-25 JLM verified by DD**Ship Via:****Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	100	3/18/19	3/18/19	0.00	0.00	Purchasing - 1		DP FEB 27 2019
		pcs					Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	100	3/18/19	3/18/19	0.00	0.00	Packaging 2 - 1 - B4B		DP FEB 27 2019
		pcs					Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 -		

**Container No:** S157291**Part:** D3533 - 1**Job No:** 191044**Serial No/Batch:** S157291**Revision:****Inspector:****Exp Date:****Instructions:** Various STC's**Date:** 02/27/19

Dart Aerospace Ltd.
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Hawkesbury, ON K6A 1K7
CANADA
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Email: sales@dartaero.com
www.dartaerospace.com

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						B4B	
						Packaging 2 - 21 - B4B	
						Packaging 2 - 22 - B4B	
						Packaging 2 - 23 - B4B	
						Packaging 2 - 24 - B4B	
						Packaging 2 - 25 - B4B	
						Packaging 2 - 26 - B4B	
						Packaging 2 - 27 - B4B	
						Packaging 2 - 28 - B4B	
						Packaging 2 - 29 - B4B	
						Packaging 2 - 30 - B4B	
						Packaging 2 - 31 - B4B	
						Packaging 2 - 32 - B4B	
						Packaging 2 - 33 - B4B	
						Packaging 2 - 34 - B4B	
						Packaging 2 - 35 - B4B	
120	QC 6	100 pcs	3/18/19	0.00	0.00	QC 6 - 42	
						QC 6 - 9	
						QC 6 - 68	
						QC 6 - 61	
130	Packaging 3-1 - Stock - B4B	100 pcs	3/18/19	0.00	0.00	Packaging 3 - 1 - B4B	
						Packaging 3 - 2 - B4B	
						Packaging 3 - 3 - B4B	
						Packaging 3 - 4 - B4B	
						Packaging 3 - 5 - B4B	
						Packaging 3 - 6 - B4B	
						Packaging 3 - 7 - B4B	
						Packaging 3 - 8 - B4B	
						Packaging 3 - 9 - B4B	
						Packaging 3 - 10 - B4B	
						Packaging 3 - 11 - B4B	
						Packaging 3 - 12 - B4B	
						Packaging 3 - 13 - B4B	
						Packaging 3 - 14 - B4B	
						Packaging 3 - 15 - B4B	
						Packaging 3 - 16 - B4B	
						Packaging 3 - 17 - B4B	
						Packaging 3 - 18 - B4B	
						Packaging 3 - 19 - B4B	
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DAS
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9-89

FEB 28 2019

				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	51638 MAR 1 2019
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
140 QC 21 - SA	100 pcs	3/18/19	0.00 0.00	QC 21 - SA - 21	DAS MAR 0 1 2019
				QC 21 - SA - 70	21
				QC 21 - SA - 53	3-55
Part Op 110 - (Receive & Inspect for Damage & Mat'l Certs) Descriptions: 120 - (QC6- All purchased or subcontracted products) 130 - (Identify as per dwg & Stock Location:_____) 140 - (QC21- Final Inspection - Work Order Release)					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
92311A564	Set Screw D3533-1	100 pcs (1 ea)	100-Purchasing	S 157288	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Purchasing	92311A564	100	0	0	
Part Specifications					
Specifications could not be found.					

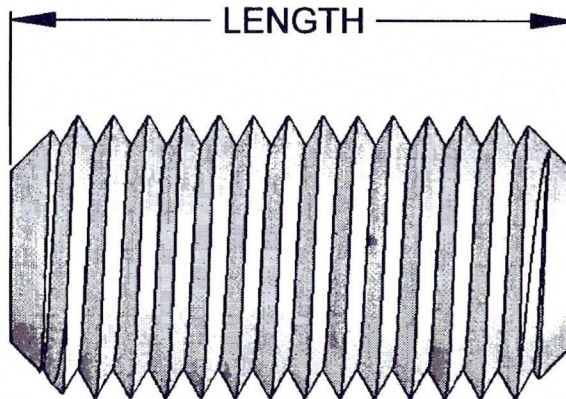
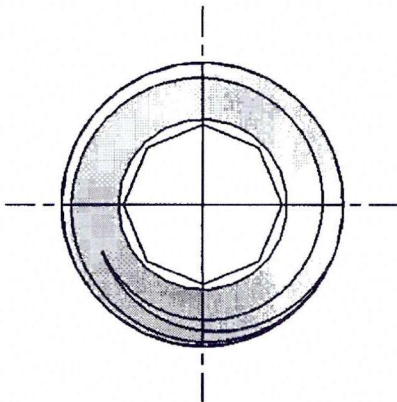
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DESIGN CB	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED LE	APPROVED #	DRAWING NO. D3533	REV. B SHEET 1 OF 1
DATE 07.06.14		TITLE SET SCREW	SCALE NTS
REV	DATE	DESCRIPTION	
A	06.07.12	NEW ISSUE	
B	07.06.14	ADD D3533-3; ADD MATERIAL/FINISH COLUMN	

SPECIFICATION CONTROL DRAWING

RELEASED
07.08.03 **#**



B

PART NUMBER	MATERIAL AND FINISH	SIZE	LENGTH	POSSIBLE SUPPLIER
D3533-1	18-8 STAINLESS STEEL	1/4-28 UNF	1.000	McMASTER-CARR, P/N 92311A564
D3533-3	BLACK OXIDE ALLOY STEEL	#6-40 UNF	0.188	McMASTER-CARR, P/N 91375A161

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RETURN TO
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SUBJECT TO AMENDMENT

WITHOUT NOTICE

WORK ORDER

NO. **191044**

MCJ
(9-27-20)

NOTES:

- 1) TYPE: CUP POINT HEX HEAD SET SCREWS
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



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K6A 1K7
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Tel (613) 632-5200

PURCHASE ORDER

PO042687



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO042687

PO Date: 2/22/19

Due Date: 2/28/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
FEB 22 2019

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	191044	92311A564		Set Screw D3533-1 as per dwg d3533 rev. b	Firmed -		2/28/19	100 pcs	0 pcs	100 pcs	\$0.233/pcs	\$23.30
					X100		FEB 27 2019					
2	191042	91525A120		washer D3456-1 : AS PER DWG D3456 REV.A	Firmed -		2/28/19	100 pcs	0 pcs	100 pcs	\$0.232/pcs	\$23.20
					X100		FEB 27 2019					
3		91247A361	10/pk	Medium Strength Grade 5 Steel Hex Head Screw, Zinc Plated, 1/2"-20 x 3-1/4"Lg.	Firmed -		2/28/19	10 Ea	0 Ea	10 Ea	\$1.106/Ea	\$11.06
					X10		FEB 27 2019					
4		90322A131	1/PK	All Thread	Firmed -		2/28/19	8 Ea	0 Ea	8 Ea	\$6.80/Ea	\$54.40
					X8		FEB 27 2019					
5		51495K116	1/pk	COUPLING 1/2" NCKL PLTD BRASS	Firmed -		2/28/19	20 Ea	0 Ea	20 Ea	\$7.78/Ea	\$155.60
					X20		FEB 27 2019					
6		8569K23	6" x 10 ft	Teflon PTFE Plastic 0.020" receive ea	Firmed -		2/28/19	5 sf	0 sf	5 sf	\$22.95/sf	\$114.75
					X5		FEB 26 2019					
Line Item Note 1 pcs of 6" x 10 ft												
7		91280A636	25/pk	Hex Head Cap Screw	Firmed -		2/28/19	50 Ea	0 Ea	50 Ea	\$0.3896/Ea	\$19.48
					X50		FEB 27 2019					



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Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
8		91090A112	50/pk	Zinc-Plated Steel Large-Diameter Flat Washer 3/8" Screw	Firmed	-	2/28/19	50 Ea	0 Ea	50 Ea	\$0.1524/Ea	\$7.62
					X50		FEB 27 2019		DP			
9		96445K251	12/pk	Steel Belleville Disc Spring 10.2mm ID. X 1.1mm THK.	Firmed	-	2/28/19	36 Ea	0 Ea	36 Ea	\$0.3291666/Ea	\$11.85
					X36		FEB 27 2019		DP			
10		98023A031	50/pk	Yellow Zinc Plated Grade 8 Steel Washer 0.406" ID. X 0.812" OD. X 0.051"-0.080" THK.	Firmed	-	2/28/19	100 Ea	0 Ea	100 Ea	\$0.1386/Ea	\$13.86
					X100		FEB 27 2019		DP			
11		91280A550	25/pk	ZINC PLATED CLASS 8.8 STEEL HEX HEAD SCREW M8 X 1.25 mm X 60 mm LG.	Firmed	-	2/28/19	25 Ea	0 Ea	25 Ea	\$0.3644/Ea	\$9.11
					X25		FEB 27 2019		DP			
12		96445K251	12/pk	Steel Belleville Disc Spring 10.2mm ID. X 1.1mm THK.	Firmed	-	2/28/19	36 Ea	0 Ea	36 Ea	\$0.3291666/Ea	\$11.85
					X36		FEB 27 2019		DP			
13		91280A640	25/pk	ZINC PLATED CLASS 8.8 STEEL HEX HEAD SCREW M10 X 1.50 mm X 45 mm LG.	Firmed	-	2/28/19	25 Ea	0 Ea	25 Ea	\$0.438/Ea	\$10.95
					X25		FEB 27 2019		DP			
14		8574K281	1/pk	Clear Polycarbonate Sheet, 6" x 6" x 1/4"	Firmed	-	2/28/19	6 Ea	0 Ea	6 Ea	\$4.78/Ea	\$28.68
					X6		FEB 27 2019		DP			
15		8571K15	8 ft long	Clear Polycarbonate Rod, 3/4" Diameter	Firmed	-	2/28/19	8 ft	0 ft	8 ft	\$5.43/ft	\$43.44
					X8		FEB 26 2019		DP			
Grand Total:												\$539.15



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PURCHASE ORDER

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Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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McMASTER-CARR®

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO042687

Order Placed By
Chantal Lavoie

McMaster-Carr Number
8411525-03

Page 1 of 1
02/22/2019

Line	Product	Ordered	Shipped
1	92311A564 18-8 Stainless Steel Cup-Point Set Screw, 1/4"-28 Thread, 1" Long, Packs of 50	2 Packs	2 <i>100</i>
2	91525A120 316 Stainless Steel Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1" OD, Packs of 25	4 Packs	4 <i>100</i>
3	91247A361 Medium-Strength Grade 5 Steel Hex Head Screw, Zinc-Plated, 1/2"-20 Thread Size, 3-1/4" Long, Packs of 10	1 Pack	1 <i>10</i>
4	90322A131 High-Strength Steel Threaded Rod, 3/8"-24 Thread Size, 4" Long	8 Each	8
5	51495K116 Nickel-Plated Brass Push-to-Connect Tube Fitting for Air, Straight Connector, for 1/2" Tube OD	20 Each	20
7	91280A636 Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M10 x 1.5 mm Thread, 35 mm Long, Packs of 25	2 Packs	2 <i>50</i>
8	91090A112 Zinc-Plated Steel Oversized Washer for 3/8" Screw Size, 0.406" ID, 1" OD, Packs of 50	1 Pack	1 <i>50</i>
9	96445K251 Belleville Disc Spring for 10 mm Shaft Diameter, 10.2 mm ID, 20 mm OD, 1.1 mm Thick, Packs of 12	3 Packs	3 <i>36</i>
10	98023A031 Zinc Yellow-Chromate Plated Grade 8 Steel Washer for 3/8" Screw Size, 0.406" ID, 0.812" OD, Packs of 50	2 Packs	2 <i>100</i>
11	91280A550 Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M8 x 1.25 mm Thread, 60 mm Long, Partial Threaded, Packs of 25	1 Pack	1 <i>25</i>
12	96445K251 Belleville Disc Spring for 10 mm Shaft Diameter, 10.2 mm ID, 20 mm OD, 1.1 mm Thick, Packs of 12	3 Packs	3 <i>36</i>
13	91280A640 Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M10 x 1.5 mm Thread, 45 mm Long, Packs of 25	1 Pack	1
14	8574K281 Clear Polycarbonate Sheet, 6" x 6" x 1/4"	6 Each	6

Shipped separately from our Chicago warehouse on 02/22

6	8569K23 Film Made From Teflon PTFE, 6" Wide, 0.02" Thick	10 Feet	10
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